Confirmation No.: 4947

Attorney Docket No.: 6730.0056.NPUS00

**CLAIMS LISTING:** 

Claims 1-46 (Cancelled)

47. (Currently amended) A hydraulic power assisting steering apparatus comprising a

valve that is arranged to be actuated depending on an applied torque for altering pressure of an

hydraulic fluid to be received by a hydraulic power steering system for applying a steering assist

force, wherein the valve is arranged to be dynamically further actuated[[,]] according to a control

mechanism depending on at least one external or internal vehicle input parameter; wherein the

valve is arranged to be dynamically actuated further actuated by an hydraulically, a pneumatically

or an electromechanical displacement of one member of the valve a first valve member relative to

a second valve member; wherein one said first valve member is arranged to be rotatably and/or

axially displaced with respect to a shaft in the hydraulic power steering system; and wherein the

said first valve member is arranged to be electromechanically displaced by means of an electric

motor; wherein the electric motor is arranged to actuate a cam that is arranged to engage the

valve member; wherein the cam is arranged to rotatably engage with a guide portion arranged on

the valve member for an axial displacement of the valve member.

48. (Currently amended) A hydraulic power assisting steering apparatus comprising a

valve that is arranged to be actuated depending on an applied torque for altering pressure of an

hydraulic fluid to be received by a hydraulic power steering system for applying a steering assist

force, wherein the valve is arranged to be dynamically further actuated[[,]] according to a control

mechanism depending on at least one external or internal vehicle input parameter; wherein said

valve has at least one valve member arranged for at least one of axial and rotatable displacement

relative to a second valve member caused by and a cam engagement of the member and the cam

which is arranged to rotatably engage with a guide portion [[on]] associated with the at least one

valve member for causing axial displacement of the at least one valve member when said cam

rotates.

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49. (Canceled)

50. (Currently amended) A hydraulic power assisting steering apparatus according to

claim 48, wherein the at least one valve member is arranged to be electromechanically displaced

by means of an electric motor.

51. (Currently amended) The hydraulic power assisting steering apparatus of claim 48,

further comprising an electric motor arranged to actuate the cam which engages drives the at least

one valve member.

52. (Currently amended) The hydraulic power assisting steering apparatus of claim 51,

wherein the at least one valve member is arranged so that [[an]] axial displacement thereof of the

valve member causes rotatable displacement thereof.

53. (Canceled)

54. (Canceled)

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55. (Currently amended) A hydraulic power assisting steering apparatus comprising a

valve that is arranged to be actuated depending on an applied torque for altering pressure of an

hydraulic fluid to be received by a hydraulic power steering system for applying a steering assist

force, wherein the valve is arranged to be dynamically further actuated further according to a

control mechanism comprising selected from the group consisting of hydraulically, pneumatically

and electromechanically displacing one member of the valve, wherein electromechanically said

displacing the one member of the valve includes rotatable and/or and axial displacement with

respect to a shaft in the hydraulic power steering system using an electric motor and wherein said

valve has at least one member arranged for at least one of axial and rotatable displacement caused

by cam engagement of the member and the cam is arranged to rotatably engage with a guide

portion arranged on the valve member for an axial displacement of the valve member.

56. (Currently amended) The hydraulic power assisting steering apparatus as recited in

claim 55, wherein the valve has a first valve member and a second valve another member of the

valve is arranged to be actuated with respect to each other, said one member of the valve

depending on [[the]] applied torque and a vehicle input parameter so as to dynamically adjust

[[the]] steering assist force to fit a specific driving scenario.

57. (Currently amended) The hydraulic power assisting steering apparatus as recited in

claim 56, wherein the first and second valve one and another members of the valve are arranged

to be rotatably and/or and axially displaced with respect to each other.

58. - 61. (Canceled)

62. (New) The hydraulic power assisting steering apparatus of claim 47, wherein the

electric motor is arranged to actuate a cam that is arranged to move the first valve member, the

cam being arranged to rotatably engage with a guide portion arranged on the first valve member

to cause axial displacement of the first valve member upon rotation of the cam.

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63. (New) The hydraulic power assisting steering apparatus of claim 47, wherein the first

valve member is arranged to be axially and rotatably displaced with respect to said shaft.

64. (New) The hydraulic power assisting steering apparatus of claim 63, wherein the

electric motor is arranged to actuate a cam that is arranged to move the first valve member, the

cam being arranged to rotatably engage with a guide portion arranged on the first valve member

to cause axial displacement of the first valve member upon rotation of the cam; and wherein a pin-

and-slot arrangement causes rotational displacement of said first valve member with respect to

said shaft as said cam causes axial displacement of said first valve member with respect to said

shaft.

65. (New) The hydraulic power assisting steering apparatus of claim 55, wherein said

one member of the valve is arranged for axial displacement by engagement of the one member of

the valve by a cam and the cam is arranged to rotatably engage with a guide portion arranged on

the one member of the valve.